

SUBCHAPTER K : GENERAL

§106.261. Facilities (Emission Limitations) (Previously SE 106).

Facilities, or physical or operational changes to a facility, are exempt provided that all of the following conditions of this section are satisfied.

(1) This section shall not be used to authorize construction of or any change to a facility authorized in another section of this chapter (see §106.262(1) of this title (relating to Facilities (Emission and Distance Limitations) (Previously SE 118))).

(2) The facilities or changes shall be located at least 100 feet from any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facilities or the owner of the property upon which the facilities are located.

(3) Total new or increased emissions, including fugitives, shall not exceed 6.0 pounds per hour (lb/hr) and ten tons per year of the following materials: acetylene, argon, butane, crude oil, refinery petroleum fractions (except for pyrolysis naphthas and pyrolysis gasolines) containing less than ten volume percent benzene, carbon monoxide, cyclohexane, cyclohexene, cyclopentane, ethyl acetate, ethanol, ethyl ether, ethylene, fluorocarbons Numbers 11, 12, 13, 14, 21, 22, 23, 113, 114, 115, and 116, helium, hydrogen, isohexane, isopropyl alcohol, methyl acetylene, methyl chloroform, methyl cyclohexane, neon, nonane, oxides of nitrogen, propane, propyl alcohol, propylene, propyl ether, sulfur dioxide, alumina, calcium carbonate, calcium silicate, cellulose fiber, cement dust, emery dust, glycerin mist, gypsum, iron oxide dust, kaolin, limestone, magnesite, marble, pentaerythritol, plaster of paris, silicon, silicon carbide, starch, sucrose, zinc stearate, or zinc oxide.

(4) Total new or increased emissions, including fugitives, shall not exceed 1.0 lb/hr of any chemical having a limit value (L) greater than 200 milligrams per cubic meter (mg/m^3) as listed and referenced in Table 262 of §106.262 of this title or of any other chemical not listed or referenced in Table 262. Emissions of a chemical with a limit value of less than $200 \text{ mg}/\text{m}^3$ are not allowed under this section.

(5) For physical changes or modifications to existing facilities, there shall be no changes to or additions of any air pollution abatement equipment.

(6) Visible emissions, except uncombined water, to the atmosphere from any point or fugitive source shall not exceed 5.0% opacity in any five-minute period.

Adopted February 19, 1997

Effective March 14, 1997

§106.262. Facilities (Emission and Distance Limitations) (Previously SE 118).

Facilities, or physical or operational changes to a facility, are exempt provided that all of the following conditions of this section are satisfied.

(1) This section shall not be used to authorize construction or any change to a facility specifically authorized in another section of this chapter, but not meeting the requirements of that section. However, once the requirements of a section of this chapter are met, paragraphs (3) and (4) of this section may be used to qualify the use of other chemicals at the facility.

(2) Emission points associated with the facilities or changes shall be located at least 100 feet from any off-plant receptor. Off-plant receptor means any recreational area or residence or other structure not occupied or used solely by the owner or operator of the facilities or the owner of the property upon which the facilities are located.

(3) New or increased emissions, including fugitives, of chemicals shall not be emitted in a quantity greater than five tons per year nor in a quantity greater than E as determined using the equation $E = L/K$ and the following table. Figure: 30 TAC §106.262(3)

Figure: 30 TAC §106.262(3)

<u>D, Feet</u>	<u>K</u>	
100	326	E = maximum allowable hourly emission, and never to exceed 6 pounds per hour.
200	200	
300	139	
400	104	
500	81	L = value as listed or referenced in Table 262.
600	65	
700	54	
800	46	K = value from the table on this page. (interpolate intermediate values)
900	39	
1,000	34	
2,000	14	D = distance to the nearest off-plant receptor.
3,000 or more	8	

TABLE 262
LIMIT VALUES (L) FOR USE WITH EXEMPTIONS FROM PERMITTING §106.262

The values are not to be interpreted as acceptable health effects values relative to the issuance of any permits under Chapter 116 of this title (relating to Control of Air Pollution by Permits for New Construction or Modification).

<u>Compound</u>	<u>Limit (L)</u> <u>Milligrams Per Cubic Meter</u>
Acetone	590.
Acetaldehyde	9.
Acetone Cyanohydrin	4.
Acetonitrile	34.
Acetylene	2662.
Adiponitrile	18.
Aldrin	0.15
Sec-Amyl Acetate	1.1
Arsenic	0.01
Benzene	3.
Beryllium and Compounds	0.0005
Butyl Acrylate	19.
Butyl Glycidyl Ether	30.
Butyl Mercaptan	0.3
Butyraldehyde	1.4
Butyric Acid	7.3
Butyronitrile	22.
Carbon Tetrachloride	12.
Chloroform	10.
Chlorophenol	0.2
Chloroprene	3.6
Chromic Acid	0.05
Chromium and Compounds	0.025
Coal Tar Pitch Volatiles	0.1
Creosote	0.1
Cresol	0.12
Cumene	43.
o-Dichlorobenzene	180.
p-Dichlorobenzene	108.
1,2-dichloroethylene	79.

TABLE 262. Cont'd.

<u>Compound</u>	<u>Limit (L)</u> <u>Milligrams Per Cubic Meter</u>
Dicyclopentadiene	3.1
Diethylaminoethanol	5.5
Diisobutyl Ketone	140.
Dimethyl Aniline	6.4
Dimethylhydrazine	0.15
Dioxane	3.6
Dipropylamine	8.4
Ethyl Acrylate	0.5
Ethylene Dibromide	1.
Ethylene Glycol Dinitrate	0.1
Ethylene Oxide	0.18
Ethyl Mercaptan	0.15
Ethyl Sulfide	1.6
Fibrous Glass Dust	5.
Glycolonitrile	5.
Heptane	350.
Hydrazine	0.04
Hydrogen Chloride	1.
Hydrogen Sulfide	1.1
Isoamyl Acetate	13.
Isoamyl Alcohol	15.
Isobutyronitrile	22.
Isophorone Diisocyanate	0.045
Kepone	0.001
Kerosene	100.
Malononitrile	8.
Mercury, Inorganic	0.05
Mesityl Oxide	40.
Methyl Acrylate	1.7
Methyl Amyl Ketone	5.8
Methyl Butyl Ketone	4.
Methyl Disulfide	2.2
Methylenebis (Chloroaniline) MOCA	0.003
Methylenebis (Phenyl isocyanate)	0.05
Methylene Chloride	26.
Methylhydrazine	0.08
Methyl Isoamyl Ketone	5.8

TABLE 262. Cont'd.

<u>Compound</u>	<u>Limit (L)</u> <u>Milligrams Per Cubic Meter</u>
Methyl Mercaptan	0.3
Methyl Methacrylate	34.
Methyl Propyl Ketone	530.
Methyl Sulfide	0.5
Mineral Spirits	350.
Naphtha	350.
Nickel, Inorganic Compounds	0.015
Nitroglycerine	0.1
Nitropropane	36.
Octane	350.
Parathion	0.05
Pentane	350.
Perchloroethylene	33.5
Petroleum Ether	350.
Phenyl Glycidyl Ether	5.
Phenylhydrazine	0.6
Phenyl Mercaptan	0.4
Propionitrile	14.
Propyl Acetate	281.
Propylene Oxide	5.
Propyl Mercaptan	0.08
Stoddard Solvent	350.
Styrene	21.
Succinonitrile	20.
Tolidine	0.02
Trichloroethylene	135.
Trimethylamine	0.1
Valeric Acid	0.34
Vinyl Acetate	15.
Vinyl Chloride	2.

NOTE: The time weighted average Threshold Limit Value (TLV) published by the American Conference of Governmental Industrial Hygienists (ACGIH), (1985-1986 Edition) shall be used for compounds not included in the table. This section cannot be used if the compound is not listed in the table or does not have a published TLV in the ACGIH.

(4) Notification must be provided using Form PI-7 within ten days following the installation or modification of the facilities. The notification shall include a description of the project, calculations, and

data identifying specific chemical names, L values, D values, and a description of pollution control equipment, if any.

(5) The facilities in which the following chemicals will be handled shall be located at least 300 feet from the nearest property line and 600 feet from any off-plant receptor and the cumulative amount of any of the following chemicals resulting from one or more authorizations under this section (but not including permit authorizations) shall not exceed 500 pounds on the plant property and all listed chemicals shall be handled only in unheated containers operated in compliance with the United States Department of Transportation regulations (49 Code of Federal Regulations, Parts 171-178): acrolein, ammonia, arsine, boron trifluoride, bromine, carbon disulfide, chlorine, chlorine dioxide, chlorine trifluoride, chloroacetaldehyde, chloropicrin, chloroprene, diazomethane, diborane, dimethylhydrazine, ethyl mercaptan, fluorine, formaldehyde, hydrogen bromide, hydrogen chloride, hydrogen cyanide, hydrogen fluoride, hydrogen selenide, hydrogen sulfide, ketene, methylamine, methyl bromide, methylhydrazine, methyl isocyanate, methyl mercaptan, nickel carbonyl, nitric oxide, nitrogen dioxide, oxygen difluoride, ozone, pentaborane, perchloromethyl mercaptan, perchloryl fluoride, phosgene, phosphine, phosphorus trichloride, selenium hexafluoride, stibine, liquified sulfur dioxide, sulfur pentafluoride, and tellurium hexafluoride. Containers of these chemicals may not be vented or opened directly to the atmosphere at any time.

(6) For physical changes or modifications to existing facilities, there shall be no changes or additions of air pollution abatement equipment.

(7) Visible emissions, except uncombined water, to the atmosphere from any point or fugitive source shall not exceed 5.0% opacity in any five-minute period.

Adopted February 19, 1997

Effective March 14, 1997

§106.263. Repairs and Maintenance (Previously SE 70).

Repairs or maintenance not involving structural changes where no new or permanent facilities are installed are exempt.

Adopted February 19, 1997

Effective March 14, 1997

§106.264. Replacements of Facilities (Previously SE 111).

A facility which replaces an existing facility is exempt provided that the following conditions of this section are satisfied:

(1) the replacement facility functions in the same or similar manner as the facility to be replaced;

(2) the emissions from the replacement facility are not more than nor have different characteristics than those from the facility to be replaced;

(3) the emissions from the replacement facility will not exceed 25 tons per year of any air contaminant;

(4) the physical location of the replacement facility is the same or immediately adjacent to the facility being replaced;

(5) there will be no increase in capacity, production rate, or throughput as a result of the replacement;

(6) notwithstanding the provisions of paragraph (3) of this section, the emissions from the replacement facility will not contain any compounds (other than carbon monoxide, nitrogen oxide, or sulfur dioxide) listed or proposed to be listed as hazardous constituents in 40 Code of Federal Regulations 261, Appendix VIII;

(7) notification of the replacement is provided to the executive director within ten days following installation of the replacement facility.

Adopted February 19, 1997

Effective March 14, 1997

§106.265. Hand-held and Manually Operated Machines (Previously SE 40).

Hand-held or manually operated equipment used for buffing, polishing, carving, cutting, drilling, machining, routing, sanding, sawing, surface grinding, or turning of ceramic art work, ceramic precision parts, leather, metals, plastics, fiber board, masonry, carbon, glass, graphite, or wood is exempt.

Adopted February 19, 1997

Effective March 14, 1997

§106.266. Vacuum Cleaning Systems (Previously SE 59).

Vacuum cleaning systems used exclusively for industrial, commercial, or residential housekeeping purposes are exempt.

Adopted February 19, 1997

Effective March 14, 1997